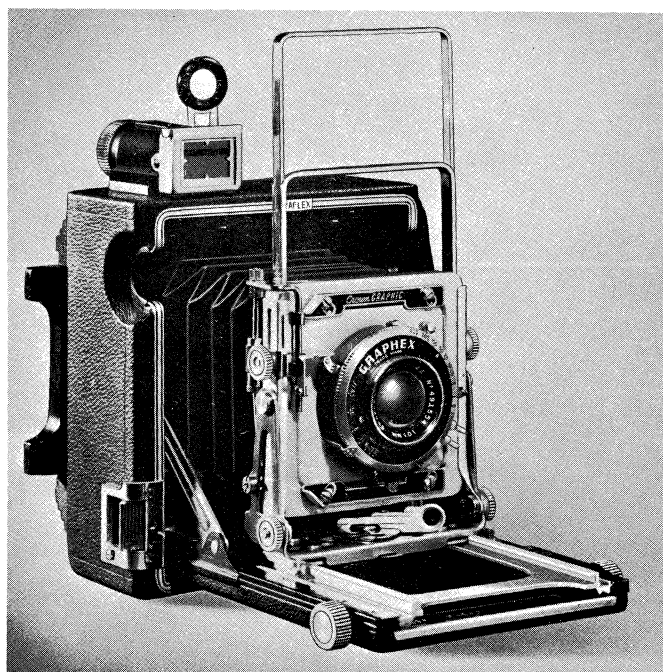
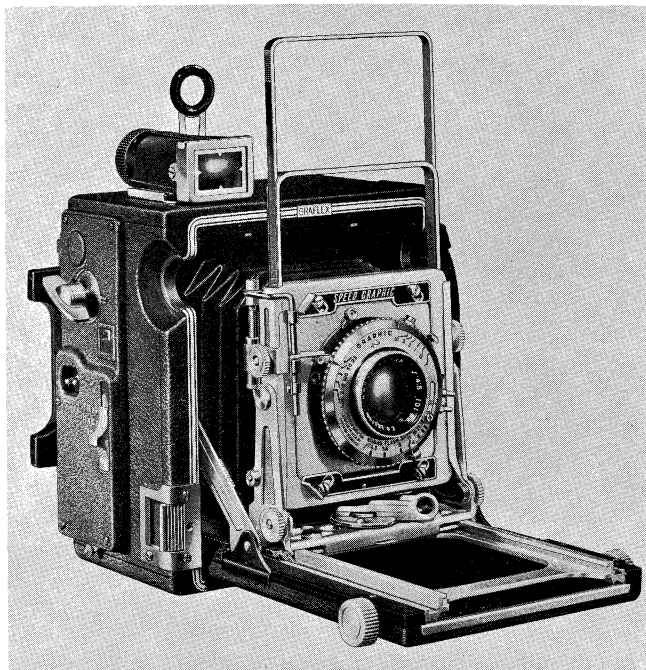


"23"

# PACEMAKER SPEED & CROWN GRAPHIC PARTS LIST

JANUARY 1965



## PARTS LIST

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Maintenance text for the "23" Pacemaker Speed and Crown Graphic is contained in Section 6.

## PARTS LIST

The Group Assembly Parts Lists are listed in disassembly order. The list divides the components into major assemblies, their sub-assemblies and parts. By the use of indented columns, the relationship of the assemblies and parts is obtained.

The column titled "Figure and Index No." contains the index number in disassembly order of the items illustrated.

The column titled "nomenclature" (including numbered columns) lists item nomenclature on the Graflex drawing. The assembly in the column marked "3" will be a component of the first assembly which preceded it in the column marked "2" etc. The code "NP" will indicate that this part is "not procurable" and that the "next higher assembly" (NHA) should be ordered. The code "AR" is used for bulk items when an indefinite amount may or may not be used "as required."

PACEMAKER GRAPHIC "23"  
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INTRODUCTION

This section of the Graflex Service Parts Manual covers the Pacemaker Speed and Crown Graphic "23". The Pacemaker "45" is illustrated, however, the illustrations may be used as a guide when using the Parts List. The Parts List indexes the Speed Graphic "23"; similar parts for the Crown Graphic follow immediately in the List. REFER TO PART NUMBER, NOT INDEX NUMBER, IN CORRESPONDENCE AND ORDERS.

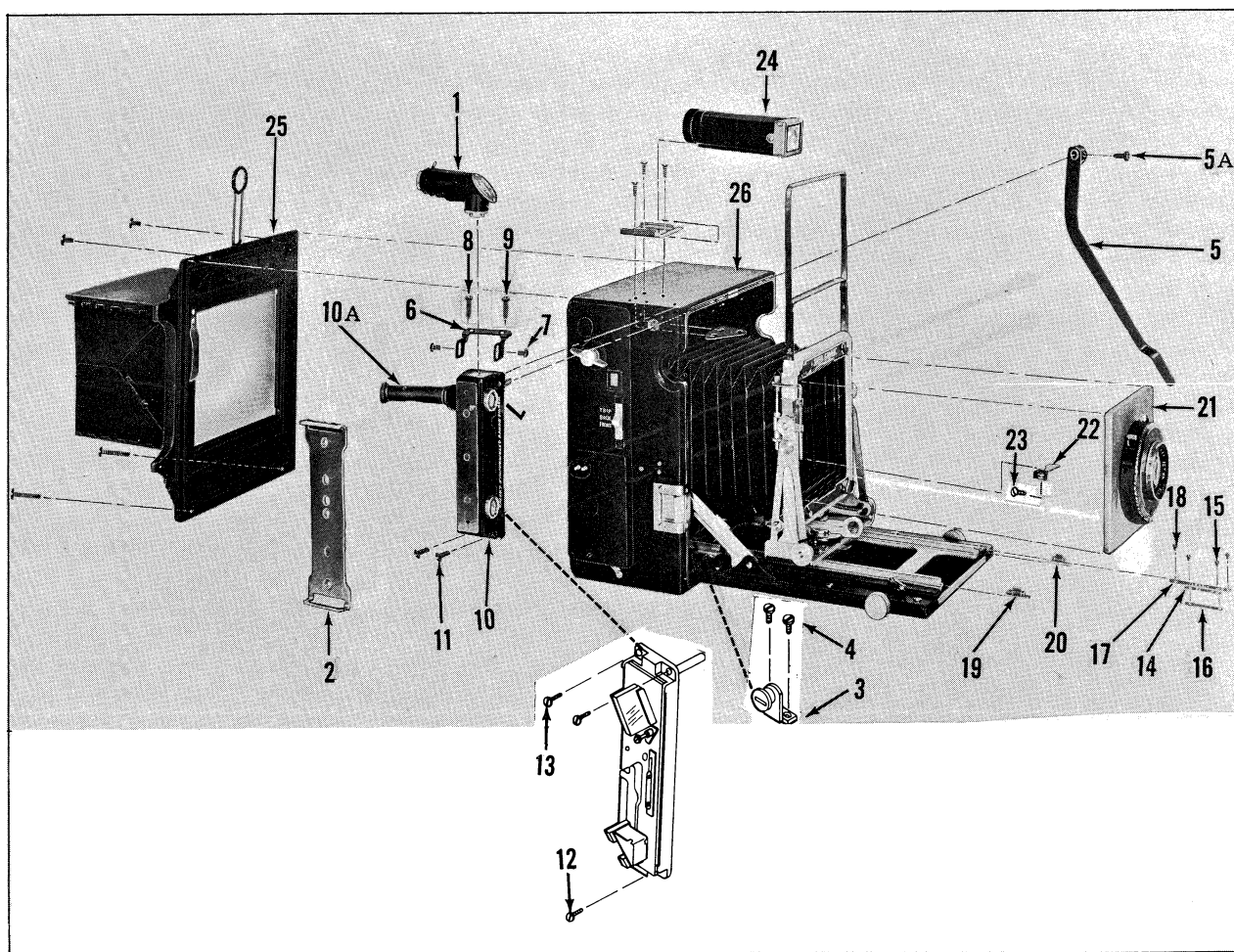


Figure 1. Camera Complete

PACEMAKER GRAPHIC "23"  
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Figure and Index No.	Part No.	1 2 3 4 5	Nomenclature	Qty.	Code
2-10	30192P1	.	Bearing - Roller (selected fit) 0.359 in. lg. Replaces 30880 (Ref. Figure 7-17) SPEED.....	AR	
	30192P2	.	Bearing - Roller (selected fit) 0.389 in. lg. Replaces 30880 (Ref. Figure 7-17) SPEED.....	AR	
	Attaching Part				
-11	152B2R4C	.	Screw - Wood, No. 2 x 1/4, oval hd. ....	6	
	---***---				
	30885G1	.	Frame & Contact Assembly (SPEED) .....	1	
-12	150B2-8K	.	Screw - Wood (block) No. 2 x 1/2, flat hd .....	4	
-13	30577P1	.	Block - Left .....	1	
-14	30886P1	.	Block - Right .....	1	
-15	30573	.	Contact - Spring Finger .....	2	
	150B0-3K	.	Screw - Wood (guide) No. 0 x 3/16, flat hd .....	6	
-16	30634P1	.	Guide - Curtain. ....	2	
	151B1-3	.	Screw - Wood (contact long) No. 1 x 3/16, round hd ..	1	
	30889P1	.	Contact - Long .....	1	
	151B1-3	.	Screw - Wood (contact frame) No. 1 x 3/16, round hd .	1	
	30890	.	Contact - Frame .....	1	
	30760G1	.	Frame Assembly. ....	1	
	Attaching Part				
	150B2-12K	.	Screw - Wood, No. 2 x 3/4, flat hd .....	4	
	---***---				
-17		.	Standard Complete - Front (Figure 5) .....	Ref.	
	Attaching Parts				
-18	150-1-3L	.	Screw - Wood, No. 1 x 3/16, flat hd (SPEED) .....	1	
-19	30473-25L	.	Washer - Flat, 0.281 x 0.094 x 0.012 (SPEED) .....	1	
-20	30949	.	Screw - Machine (special) .....	1	
-21	30473-25L	.	Washer - Flat, 0.281 x 0.094 x 0.012 (SPEED) .....	1	
-22	31189	.	Spring - Cable Release (SPEED) .....	1	
-23	151-1-3A	.	Screw - Wood, No. 1 x 3/16, round hd.....	2	
	---***---				
-24	30757G2M	.	Handle Complete (plastic) replace with 33779G1 & 30305G1	Ref.	
	33779G1	.	Handle Complete (leather) less snap assembly.....	1	
	30738P1	.	Loop (plastic).....	2	
	33779P7	.	Loop (leather).....	2	
-25	30305G1	.	Snap Assembly.....	1	
-26	31750P3	.	Plate - Bed Brace, left .....	1	
-27	31750P4	.	Plate - Bed Brace, right .....	1	
	Attaching Parts				
-28	150B2-3K	.	Screw - Wood (right side) No. 2 x 3/16, flat hd .....	1	
	150B2-4K	.	Screw - Wood (left side) No. 2 x 1/4, flat hd.....	1	
-29	150B2-3K	.	Screw - Wood (right side) No. 2 x 3/16, flat hd.....	1	
	150B2-4K	.	Screw - Wood (left side) No. 2 x 1/4, flat hd.....	1	
-30	150B2-4K	.	Screw - Wood (left & right) No. 2 x 1/4, flat hd.....	2	
	---***---				
-31	30621G1	.	Bed Complete (Figure 6) .....	1	
	Attaching Parts				
-32	150B2-4K	.	Screw - Wood, No. 2 x 1/4, flat head .....	2	
-33	31925P2	.	Screw - Machine (special) use 33926P2 for replacement .	Ref.	
	33926P2	.	Screw - Machine (special) .....	4	
-34	170D5-2L	.	Screw - Set, No. 5-40 x 1/8, headless.....	4	
	---***---				
-35		.	Body Complete (Figure 7) .....	Ref.	

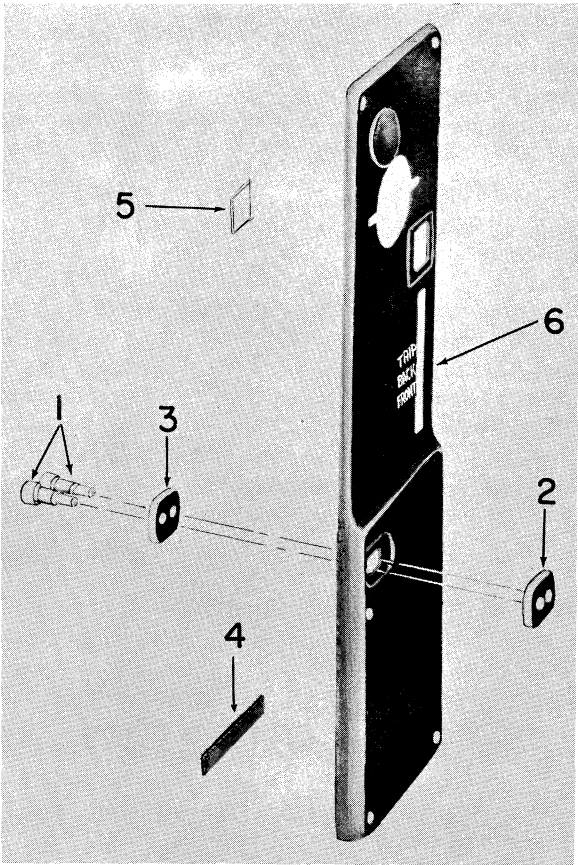


Figure 3. Shutter Plate Cover Assembly

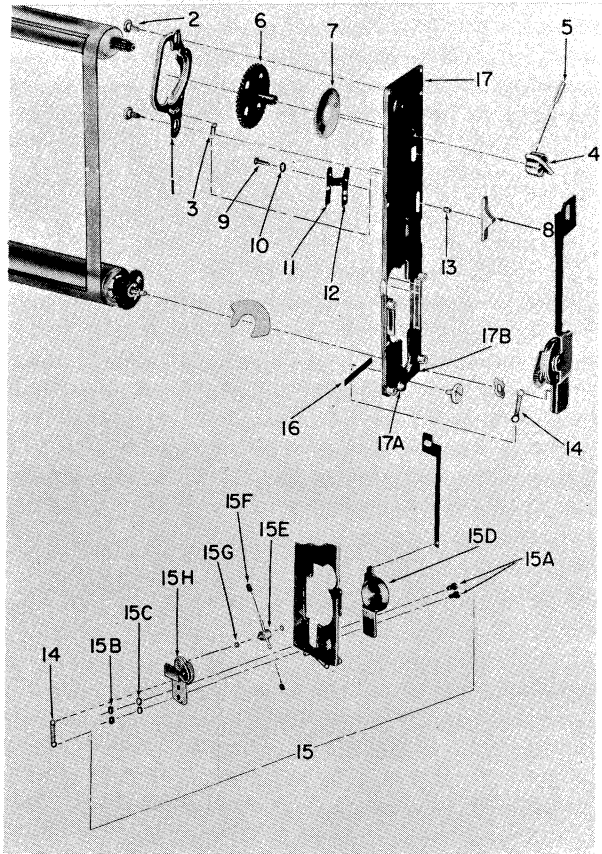


Figure 4. Shutter Mechanism Assembly

Figure and Index No.	Part No.	1	2	3	4	5	Nomenclature	Qty.	Code
3-	30351G3						COVER ASSEMBLY - SHUTTER PLATE . . . . .	Ref.	
-1	30359P1						. Stud - Receptacle Contact . . . . .	2	
-2	30357						. Insulator - Receptacle. . . . .	1	
-3	30358						. Washer - Receptacle. . . . .	1	
-4	30846						. Seal - Dust . . . . .	1	
-5	30356						. Window - Shutter Plate. . . . .	1	
-6							. Cover - Shutter Plate . . . . .	NP	NHA

Figure and Index No.	Part No.	1	2	3	4	5	Nomenclature	Qty.	Code
4-	30652G1						PLATE ASSEMBLY - SHUTTER MECHANISM. . . . .	Ref.	
-1	30185G1						. Escapement Assembly. . . . .	1	
-2	30187P1						. Screw - Machine (special) . . . . .	2	
-3	30186						. Spring - Escapement. . . . .	1	

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Figure and Index No.	Part No.	1 2 3 4 5	Nomeclature	Qty.	Code
	30652G6N	.	Winding Key and Master Gear Assembly.....	1	
4-4	30681G1	.	Key Assembly - Winding.....	1	
	Attaching Part				
-5	30663-1	.	Pin - Taper, No. 5/0 .....	1	
	---***---				
-6		.	Gear Assembly - Master .....	NP	NHA
-7	30504P1	.	Dial - Shutter.....	1	
-8	30297P1	.	Slide - Shift.....	1	
	Attaching Parts				
-9	102-2-7	.	Screw - Machine, No. 2-56 x 7/16, round hd. ....	1	
-10	221-2L	.	Washer - Lock, internal tooth, for No. 2 screw.....	1	
	---***---				
-11	30303P2	.	Spring - Shift Slide .....	1	
-12	30300P1	.	Plate - Shift Slide.....	1	
-13	30298P2	.	Spacer - Shift Slide.....	1	
-14	30340	.	Spring - Governor.....	1	
-15	30459G2	.	Governor Complete.....	1	
-15A	110B2-4	.	Screw - Machine, No. 2-56 x 1/4, binding hd. ....	2	
-15B	200-2HL	.	Nut - Machine, No. 2-56, hex.....	2	
-15C	221-2L	.	Washer - Lock, internal tooth, for No. 2 screw.....	2	
		.	Spacer - Governor .....	NP	NHA
		.	Pin - Dial Slide.....	NP	NHA
		.	Slide - Dial .....	NP	NHA
-15D		.	Bracket Assembly - Top.....	NP	NHA
-15E		.	Pinion Assembly.....	NP	NHA
-15F		.	Shoe - Governor .....	NP	NHA
-15G		.	Washer - Flat.....	NP	NHA
-15H		.	Bracket Assembly - Bottom .....	NP	NHA
-16	30301	.	Strip - Light Seal .....	1	
-17	30348G1	.	Plate Assembly .....	1	
-17A	30315G1	.	Lever Assembly - Retard Cam .....	1	
	Attaching Part				
-17B	30318	.	Stud .....	1	
	---***---				
		.	Post - Escapement Spring.....	NP	NHA
		.	Post - Governor Spring .....	NP	NHA
		.	Bushing - Master Gear.....	NP	NHA
		.	Bushing - Gear Roller .....	NP	NHA
		.	Plate - Shutter .....	NP	NHA

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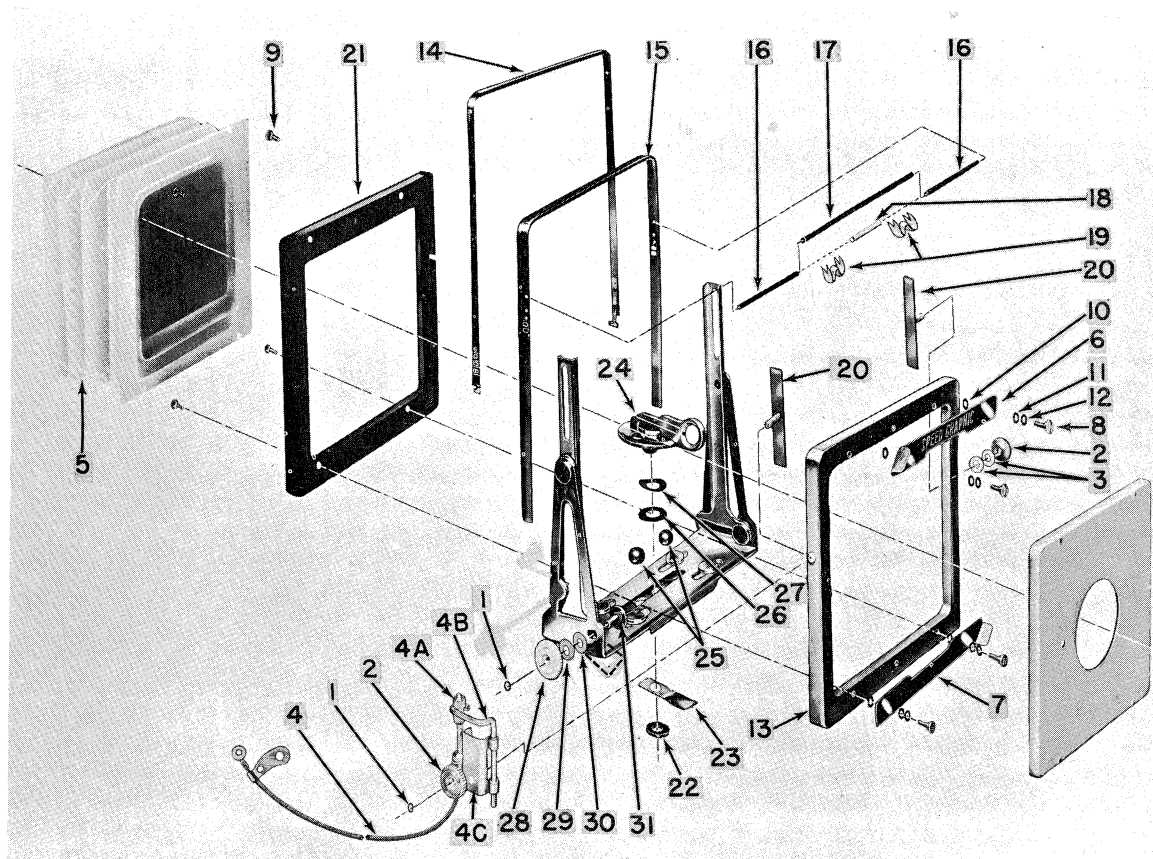


Figure 5. Front Standard Complete

Figure and Index No.	Part No.	1 2 3 4 5	Nomenclature	Qty.	Code
5-	30538G5		STANDARD COMPLETE - FRONT (SPEED) . . . . .	1	
	30538G6		STANDARD COMPLETE - FRONT (CROWN) . . . . .	1	
-1			. Ring - Retaining (obsolete - stake threads) . . . . .	Ref.	
-2	30444P1		. Knob - Clamp (frame) . . . . .	2	
-3	30473-6		. Washer - Flat, 0.312 x 0.129 x 0.015, fiber . . . . .	2	
-4	31131G1		. Release Assembly - Cable . . . . .	1	
-4A	30843P1		. . Nut - Cable Release. . . . .	2	
-4B	31097P1		. . Rod - Manual Trip. . . . .	1	
-4C	31098P1		. . Bracket - Manual Trip. . . . .	1	
-5	30672G1		. Bellows Assembly. . . . .	1	
	30538G5T		. Front Standard Assembly (SPEED). . . . .	1	
	30538G6T		. Front Standard Assembly (CROWN) . . . . .	1	
	30538G5N		. . Frame Assembly - Front Standard (SPEED). . . . .	1	
	30538G6N		. . Frame Assembly - Front Standard (CROWN) . . . . .	1	
-6	30472P2		. . . Lock - Lensboard (SPEED) . . . . .	1	
	30472P3		. . . Lock - Lensboard (CROWN). . . . .	1	
-7	30472P5		. . . Lock - Lensboard . . . . .	1	
	Attaching Parts				
-8	30401P1		. . . Screw - Machine (special). . . . .	4	
-9	30377P1		. . . Nut - Slidlock . . . . .	4	
-10	30473-2		. . . Washer - Flat, 0.218 x 0.089 x 0.016. . . . .	4	
-11	30473-20		. . . Washer - Flat, 0.203 x 0.124 x 0.010. . . . .	4	
-12	30540-3		. . . Washer - Spring . . . . .	4	
	---***---				
-13	30384P1		. . . Frame - Outer Front . . . . .	1	
	31923G3		. . . Finder Complete . . . . .	1	
-14	30400G1		. . . Finder Assembly . . . . .	1	
-15	30675G1		. . . Frame Assembly - Finder . . . . .	1	
-16	30378P2		. . . Plunger - Finder . . . . .	2	
-17	30404P2		. . . Sleeve - Finder Lock Spring . . . . .	1	



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Figure and Index No.	Part No.	1	2	3	4	5	Nomenclature	Qty.	Code
5-18	30438	.	.	.	.	.	Spring - Finder . . . . .	1	
-19	30719P1	.	.	.	.	.	Bracket - Plunger . . . . .	2	
-20	30425G1	.	.	.	.	.	Plate Assembly - Front Frame Clamp . . . . .	2	
-21	30387P1	.	.	.	.	.	Frame - Inner Front . . . . .	1	
	30538G5S	.	.	.	.	.	Standard Support Assembly Complete . . . . .	1	
-22	30553-2	.	.	.	.	.	Nut - Machine (special). . . . .	1	
-23	30439	.	.	.	.	.	Spring - Shift Locking. . . . .	1	
-24	30537G2	.	.	.	.	.	Lever Assembly . . . . .	1	
-25	300-9	.	.	.	.	.	Ball - Steel (0.2187 dia.) was p/n 30539P3. . . . .	2	
-26	30473-13A	.	.	.	.	.	Washer - Flat, 0.350 x 0.205 x 0.021 . . . . .	1	
-27	30540-2	.	.	.	.	.	Washer - Spring . . . . .	1	
	34621G4	.	.	.	.	.	Standard Support Assembly (was p/n 30538G5R) . . . . .	1	
-28	30444P1	.	.	.	.	.	Knob - Clamp (support). . . . .	2	
-29	30473-7	.	.	.	.	.	Washer - Flat, 0.312 x 0.128 x 0.012, fiber. . . . .	2	
-30	30473-10	.	.	.	.	.	Washer - Flat, 0.375 x 0.188 x 0.008, armité paper . . . . .	2	
-31	31735	.	.	.	.	.	Screw - Machine (support locking). . . . .	2	
		.	.	.	.	.	Support Subassembly . . . . .	Ref.	

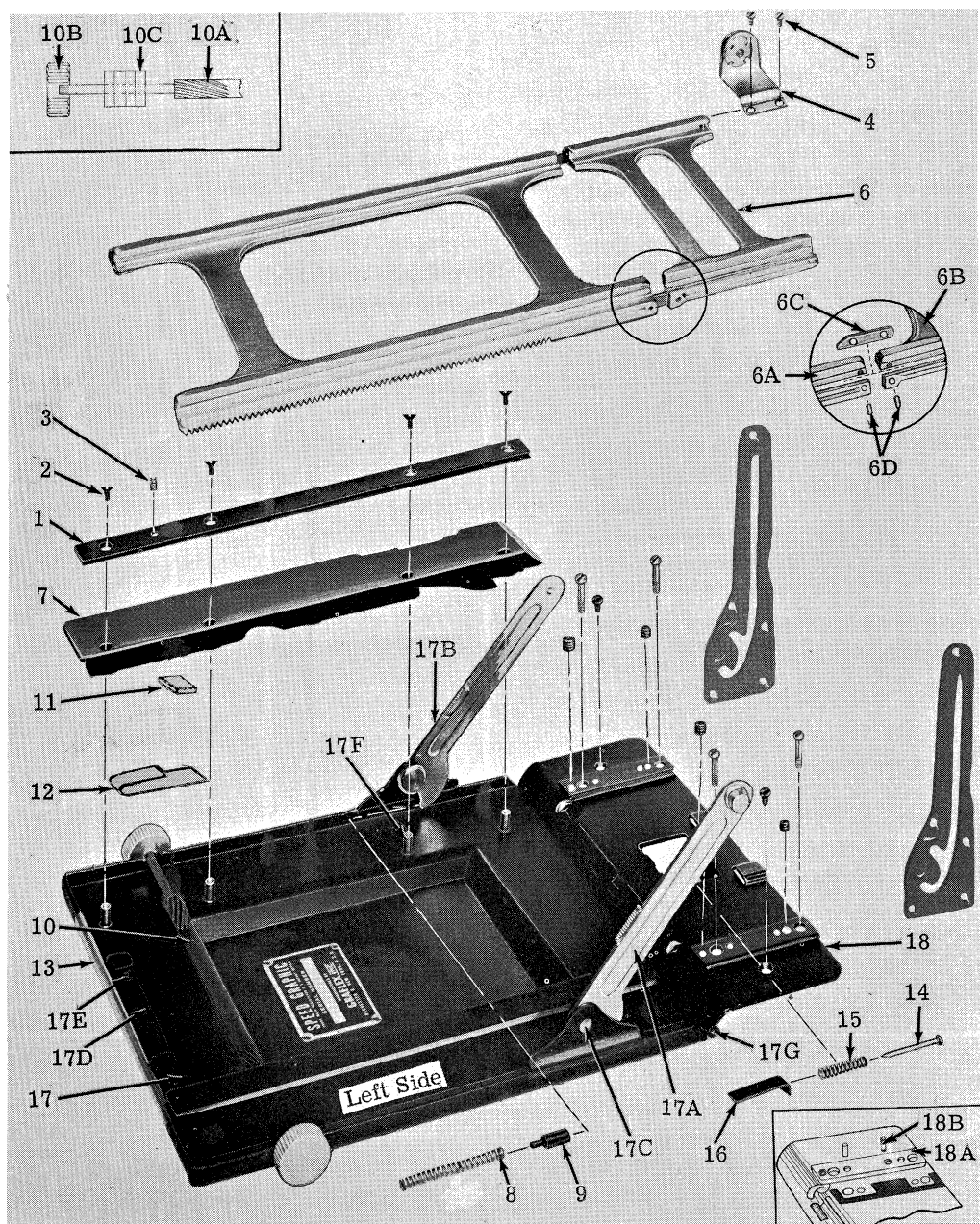


Figure 6. Bed Complete

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Figure and Index No.	Part No.	1 2 3 4 5	Nomenclature	Qty.	Code
6-	30621G1		BED COMPLETE . . . . .	1	
-1	30627P1		. Guide - Bed (left) . . . . .	1	
	30627P2		. Guide - Bed (right) . . . . .	1	
	Attaching Parts				
-2	31089P6		. Screw - Machine (special) Replaces p/n 31089P4 . . . . .	8	
-3	170A3-2A		. Screw - Set, No. 3-48 x 1/8, headless, oval point . . . . .	1	
	---***---				
-4	30775G3		. Bracket Assembly - Rangefinder . . . . .	1	
	Attaching Part				
-5	30830C		. Screw - Machine (special) . . . . .	2	
	---***---				
	34617G1		. Yoke Complete . . . . .	1	
	30655G1		. . Stop Assemboy - Right . . . . .	1	
	30655G2		. . Stop Assembly - Left . . . . .	1	
	30661		. . . Screw - Machine (rear). . . . .	2	
	30662		. . . Screw - Machine (front) . . . . .	2	
	30819		. . Screw - Machine (index scale). . . . .	2	
	30817P3		. . Index - Scale . . . . .	1	
	30815		. . Plate - Index Scale . . . . .	1	
-6	30596G3		. . Yoke Assembly . . . . .	1	
-6A	30599P1		. . . Yoke - Bed Section . . . . .	1	
-6B	30601P1		. . . Yoke - Case Section . . . . .	1	
	30605		. . . Pin - Front Standard Stop . . . . .	1	
-6C	30602		. . . Link - Yoke . . . . .	2	
-6D	30603		. . . Pin - Yoke Link. . . . .	4	
-7	30622P1		. Block - Bed (left) . . . . .	1	
	30622P2		. Block - Bed (right) . . . . .	1	
-8	30666		. Spring - Bed Brace . . . . .	2	
-9	30615		. Plunger - Bed Brace . . . . .	2	
-10	30621G1M		. Pinion Assembly - Focusing . . . . .	1	
-10A	30606P3		. . Pinion - Focusing . . . . .	1	
-10B	30612P1		. . Knob - Focusing . . . . .	2	
-10C	30730P1		. . Brake - Yoke Lock . . . . .	4	
-11	30829		. Plate - Brake . . . . .	1	
-12	30611		. Spring - Focusing Pinion . . . . .	2	
-13	31730P1		. Escutcheon - Bed . . . . .	1	
-14	30638-1		. Pin - Escutcheon . . . . .	1	
-15	30639		. Spring . . . . .	1	
-16	30637		. Slide . . . . .	1	
-17	34615G1		. Bed Assembly - Second . . . . .	1	
-17A	30421G5		. . Brace Assembly - Left. . . . .	1	
-17B	30421G6		. . Brace Assembly - Right. . . . .	1	
	Attaching Part				
-17C	31751P1		. . Rivet (bed brace). . . . .	2	
	---***---				
	31754P2		. . Covering - Bed . . . . .	1	
-17D	30506		. . Catch - Bed . . . . .	1	
	Attaching Part				
-17E	30948		. . Rivet (bed catch). . . . .	2	
	---***---				
			. . Nameplate . . . . .	Ref.	
	Attaching Part				
	30363-22H		. . Rivet (nameplate) . . . . .	4	
	---***---				
-17F	30915P1		. . Bushing - Guide Screw . . . . .	8	
-17G	30172-23		. . Pin - Hinge . . . . .	1	
-18	30621G1R		. . Hinge Assembly . . . . .	1	
-18A	31731P1		. . . Guide - Case (left). . . . .	1	
	31731P2		. . . Guide - Case (right). . . . .	1	
	Attaching Part				
-18B	30685-2		. . . Pin - Dowel . . . . .	4	
	---***---				

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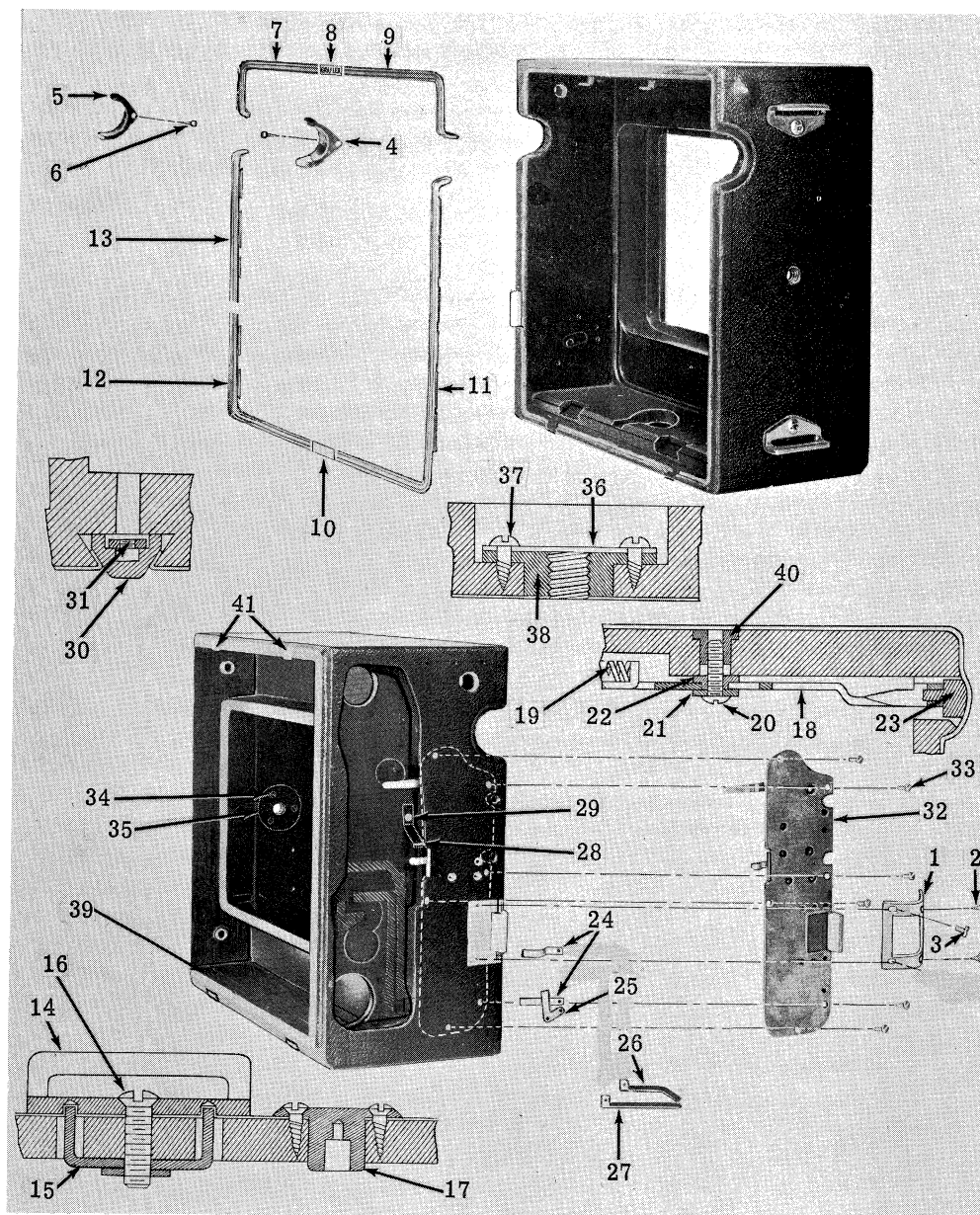


Figure 7. Body Complete

Figure and Index No.	Part No.	1 2 3 4 5	Nomenclature	Qty.	Code
7-	30559G3		BODY COMPLETE - 2 1/4 x 3 1/4 SPEED GRAPHIC . . . . .	1	
	30559G6		BODY COMPLETE - 2 1/4 x 3 1/4 CROWN GRAPHIC. . . . .	1	
-1	30535P1		. Plate - Release Slide. . . . .	1	
	Attaching Parts				
-2	152B1R4C		. Screw - Wood, No. 1 x 1/4, oval hd . . . . .	2	
-3	30749P1		. Screw - Machine (special) . . . . .	1	
	***				
-4	30647P1		. Escutcheon - Focusing Knob (left) . . . . .	1	
-5	31135P1		. Escutcheon - Focusing Knob (right) . . . . .	1	
	Attaching Part				
-6	30638-2		. Pin - Escutcheon . . . . .	2	
	***				
-7	30645P2		. Moulding - Upper Right . . . . .	1	
-8	30640P2		. Plate - Moulding (upper) . . . . .	1	

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Figure and Index No.	Part No.	1 2 3 4 5	Nomenclature	Qty.	Code
7-9	30645P1	.	Moulding - Upper Left . . . . .	1	
-10	30640P1	.	Plate - Moulding (lower) . . . . .	1	
-11	30763P1	.	Moulding - Lower Left . . . . .	1	
-12	30764P1	.	Moulding - Lower Right . . . . .	1	
-13	30643P3	.	Moulding - Right . . . . .	1	
-14	30374P1	.	Bracket - Handle . . . . .	2	
	Attaching Parts				
-15	30375P1	.	Nut - Handle Bracket . . . . .	2	
-16	104B6R8C	.	Screw - Machine, No. 6-32 x 1/2, oval hd . . . . .	2	
	---***---				
-17	30880	.	Bearing - Roller (Replace with p/n 30192P1 or P2. See Index 10, Figure 2) . . . . .	Ref.	
-18	30557P1	.	Latch - Bed . . . . .	1	
-19	30664	.	Spring - Bed Latch . . . . .	1	
	Attaching Parts				
-20	102B3-4K	.	Screw - Machine No. 3-48 x 1/4, round hd . . . . .	2	
-21	30473-44K	.	Washer - Flat, 0.250 x 0.099 x 0.025 . . . . .	2	
-22	30508	.	Collar - Bed Latch Insert . . . . .	2	
	---***---				
-23	30752	.	Button - Bed Release . . . . .	1	
-24	30820	.	Contact - Case (SPEED) . . . . .	2	
-25	30821	.	Contact - Receptacle (SPEED) . . . . .	1	
-26	30204P1	.	Contact - Switch (SPEED) . . . . .	1	
-27	30328P1	.	Contact - Switch, Long (SPEED) . . . . .	1	
	Attaching Parts				
	150B0-3	.	Screw - Wood, No. 0 x 3/16, flat hd . . . . .	3	
	30638-6	.	Pin - Escutcheon . . . . .	1	
	150B0-2	.	Screw - Wood, No. 0 x 1/8, flat hd . . . . .	2	
	---***---				
-28	30303P1	.	Spring - Shift Slide (SPEED) . . . . .	1	
	Attaching Part				
-29	150B1-3	.	Screw - Wood, No. 1 x 3/16, flat hd . . . . .	1	
	---***---				
-30	30648P1	.	Foot (SPEED) . . . . .	2	
	30744P1	.	Foot (CROWN) . . . . .	2	
-31	200-3SA	.	Nut - Machine, No. 3-48 . . . . .	4	
	32667P1	.	Covering (SPEED) . . . . .	1	
	30559P85	.	Covering (CROWN) . . . . .	1	
-32	30493G1	.	Plate Assembly - Body Release (SPEED) . . . . .	1	
	30876G1	.	Plate Assembly - Body Release (CROWN) . . . . .	1	
	Attaching Part				
-33	150B1-6	.	Screw - Wood, No. 1 x 3/8, flat hd . . . . .	6	
	---***---				
-34	30372P3	.	Socket - Tripod (side) . . . . .	1	
	Attaching Part				
-35	150B2-4	.	Screw - Wood, No. 2 x 1/4, flat hd . . . . .	3	
	---***---				
-36	30721	.	Cover - Tripod Socket . . . . .	1	
	Attaching Part				
-37	151B2-4	.	Screw - Wood, No. 2 x 1/4 round hd . . . . .	3	
	---***---				
-38	30372P1	.	Socket - Tripod (bottom) . . . . .	1	
-39	30673P3	.	Insert - Back (SPEED) . . . . .	1	
-40	31905P1	.	Insert - Bed Latch . . . . .	2	
-41	30370	.	Lug - Back Mounting (SPEED) . . . . .	2	
	Attaching Part				
	150B2-3	.	Screw - Wood, No. 2 x 3/16, flat hd . . . . .	4	

PACEMAKER GRAPHIC "23"  
SPEED & CROWN

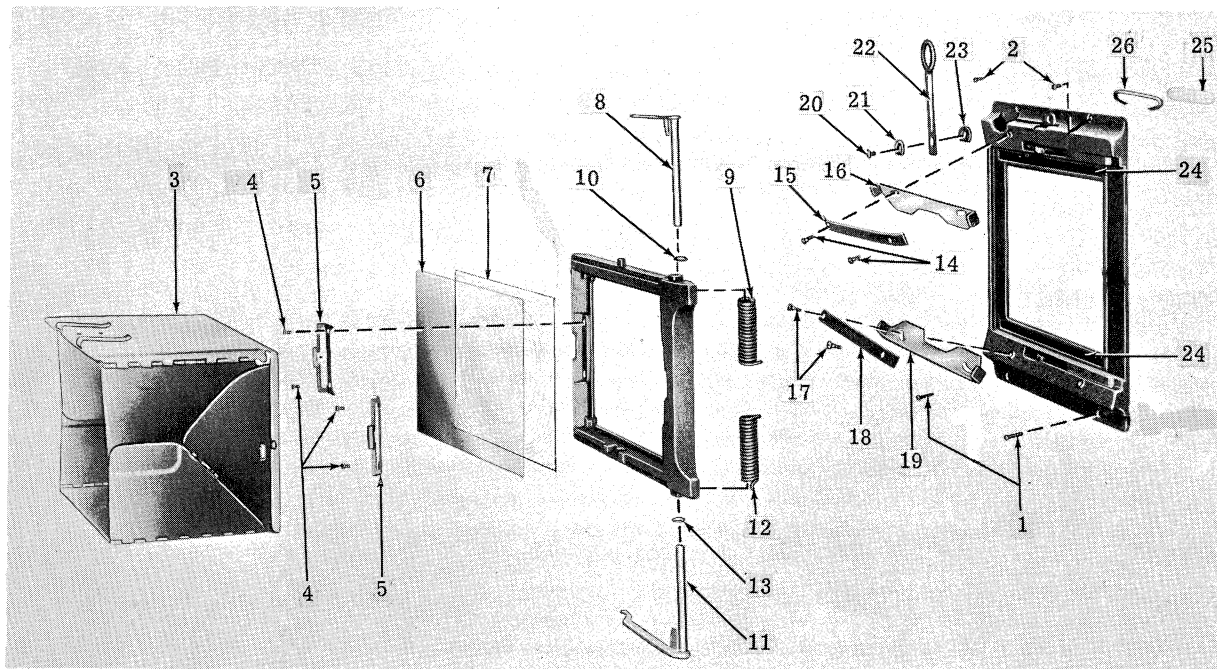


Figure 8. Graflok "23" Back Complete

Figure and Index No.	Part No.	1 2 3 4 5	Nomenclature	Qty.	Code
8-	31709G22		BACK COMPLETE - GRAFLOK "23" (SPEED) . . . . .	1	
	31709G23		BACK COMPLETE - GRAFLOK "23" (CROWN) . . . . .	1	
-1	30921-7W		. Screw - Self Tapping, No. 2 x 1/2, pan hd (SPEED) . . . . .	2	
	30921-6W		. Screw - Self Tapping, No. 2 x 3/16, pan hd (CROWN) . . . . .	2	
-2	30921-6W		. Screw - Self Tapping, No. 2 x 3/16, pan hd (SPEED & CROWN) . . . . .	2	
-3	30159G1		. Hood Assembly (Cat. No. 9145). . . . .	1	
	31715G8		. Frame Complete - Focusing (Cat. No. 9277). . . . .	1	
-4	100-2-3W		. . Screw - Machine, No. 2-56 x 3/16 flat hd . . . . .	4	
-5	30371P1		. . Retainer . . . . .	2	
-6	30414P2		. . Screen - Focusing (ground glass). . . . .	1	
-7	30414P5		. . Screen - Fresnel (Ektalite). . . . .	1	
	33837G8		. . Frame Assembly. . . . .	1	
-8	31717G2		. . . Arm Assembly - Upper. . . . .	1	
-9	31720P1		. . . Spring - Upper . . . . .	1	
-10	30473-38K		. . . Washer - Flat, 0.250 x 0.157 x 0.10 . . . . .	1	
-11	31717G1		. . . Arm Assembly - Lower . . . . .	1	
-12	31720P2		. . . Spring - Lower . . . . .	1	
-13	30473-38K		. . . Washer - Flat, 0.250 x 0.157 x 0.010. . . . .	1	
	31710G1		. Back Assembly - Second (Cat. No. 9090) . . . . .	1	
-14	30939P1		. . Screw - Machine (special). . . . .	2	
-15	31714P1		. . Spring . . . . .	1	
-16	31713P1		. . Slidelock - Upper . . . . .	1	
-17	30939P1		. . Screw - Machine (special). . . . .	1	
-18	31714P1		. . Spring . . . . .	1	
-19	31713P2		. . Slidelock - Lower . . . . .	1	
-20	104B6-4C		. . Screw - Machine, No. 6-32 x 1/4, oval hd . . . . .	1	
-21	30366		. . Cap. . . . .	1	
-22	30369G1		. . Peepsight Assembly . . . . .	1	
-23	30368		. . Washer - Flat . . . . .	1	
-24	31722P1		. . Strip - Light Seal . . . . .	2	
	33836G1		. . Back Assembly - First. . . . .	1	
-25	30364P1		. . Plate . . . . .	1	
-26	30367		. . Spring . . . . .	1	
	30556-13K		. . Rivet (hook) . . . . .	4	
	31712P1		. . Hook - Upper . . . . .	1	
	31712P2		. . Hook - Lower . . . . .	1	

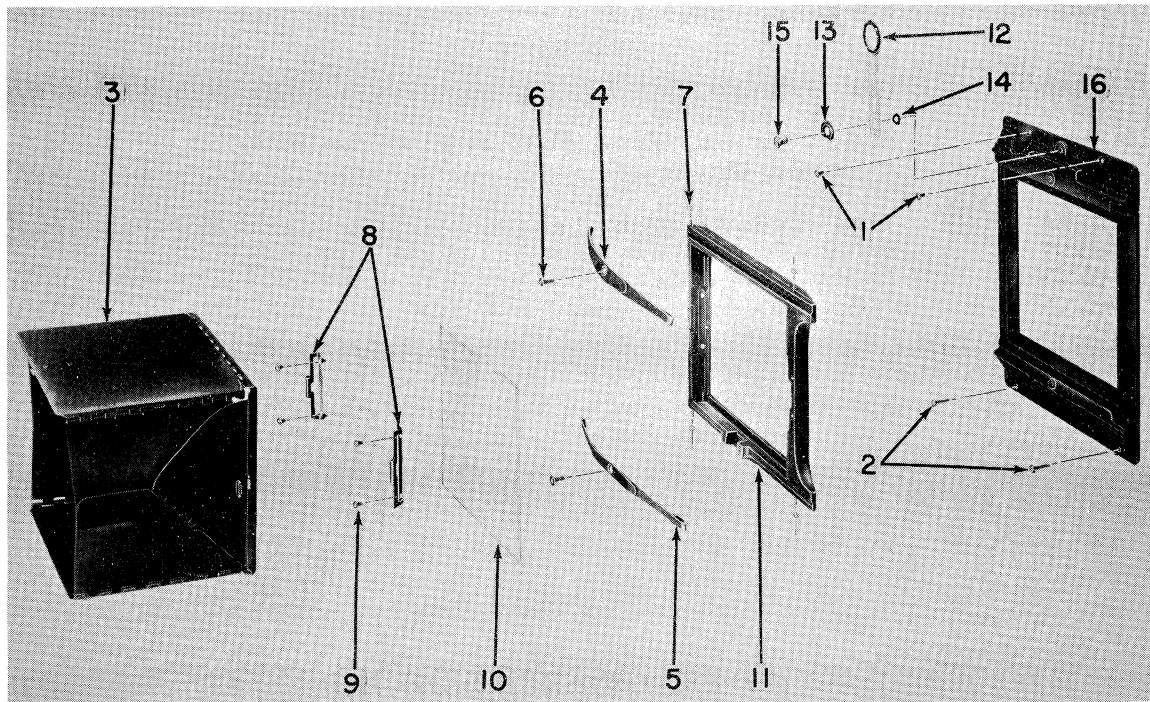


Figure 9. Graphic Back

Figure & Index No.	Part Number	1	2	3	4	5	Nomenclature	Units per Assembly	List Price
	30313-G1						Back Complete - 2-1/4x3-1/4 Speed Graphic (See Figure 1-19) .	NP	Obsolete
	30313-G5						Back Complete - 2-1/4x3-1/4 Crown Graphic . . . . .	NP	Order Graflok
							Attaching Part		
9-1	30921-P5(S7)						Screw - Self tapping, 3/16 in. lg., #2 Oval Bind Hd, Steel, Jetal, for Speed . . . . .	2	.01
-2	30921-P7(S7)						Screw - Self tapping, 1/2 in. lg., #2 Oval Bind Hd, Steel, Jetal, for Speed . . . . .	2	.01
-1&2	30921-P6(S7)						Screw - Self tapping, 3/16 in. lg., #2 Oval Bind Hd, Steel, Jetal, for Crown . . . . .	4	.01
							-----		
-3	Cat. #9145						Hood Assembly . . . . .	Ref	
-4	31279-P1						Spring - Focusing frame, top . . . . .	1	.28
-5	31279-P2						Spring - Focusing frame, bottom . . . . .	1	.28
							Attaching Part		
-6	31270-P1						Screw - Sems unit fastener (washer w/screw, 5/16" lg., #4-40) . . . . .	2	.03
-7	30473-P1(S18)						Washer - Flat, focusing frame spring, 5/32 in. OD, 0.067 in. ID, 0.005 in. thk Brass, Ebonol . . . . .	.01	
							-----		
	30405-G5						Frame Assembly Complete - Focusing . . . . .	NP	
-8	30371-P1						Retainer - Hood Assembly . . . . .	2	.07
							Attaching Part		
-9	100-2-3(S7)						Screw - Machine, 3/16 in. lg., #2-56 FH Steel, Jetal . . . . .	4	.01
							-----		
-10	30414-P2						Screen - Focusing . . . . .	1	1.10
-11	30405-G4M						Frame Assembly - Focusing . . . . .	NP	
	30310-G1						Back Assembly . . . . .	1	6.65
-12	30369-G1						Peepsight Assembly . . . . .	1	.50

DO NOT ORDER PARTS BY FIGURE INDEX NUMBER. SPECIFY CATALOG OR PART NUMBER AND NAME.  
State quantity. Prices subject to change without notice.  
NP - Non Procurable



Section 4  
Group Assembly Parts List

PACEMAKER GRAPHIC "23"  
SPEED & CROWN

Figure & Index No.	Part Number	1	2	3	4	5	Nomenclature	Units per Assembly	List Price
							Attaching Part		
9-13	30366	.	.	.	.	.	Cap - Peepsight . . . . .	1	.16
-14	30368	.	.	.	.	.	Washer - Peepsight . . . . .	1	.03
-15	104B6R4	.	.	.	.	.	Screw - Machine, 1/4 in. lg., #6-32 OH Phillips drive, Brass, Chrome . . . . .	1	.04
							-----***-----		
	30364	.	.	.	.	.	Plate - Peepsight spring . . . . .	1	.04
	30367	.	.	.	.	.	Spring - Peepsight . . . . .	1	.07
-16	30312-P1	.	.	.	.	.	Back . . . . .	NHA	

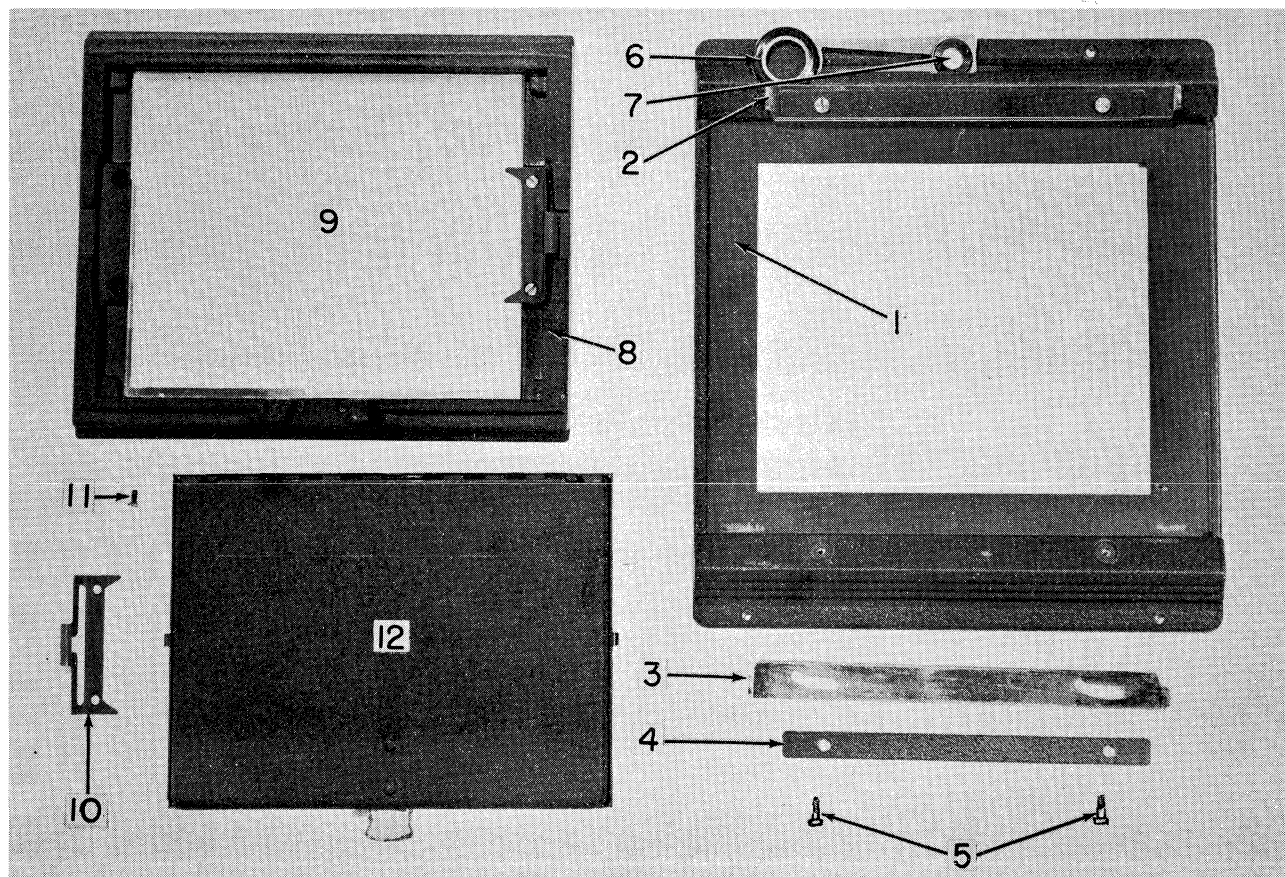


Figure 10. Graflex Back

30927-G6	Back Complete - Graflex 2-1/4x3-1/4 Speed Graphic, excluding Panel and hood (See Figure 1-19) . . . . .	Ref
30927-G3	Back Complete - Graflex 2-1/4x3-1/4 Crown Graphic, excluding Panel and hood . . . . .	Ref

	Attaching Part		
†30921-P7	Screw - Self tapping, 1/2 in. lg., #2 Oval Bind Hd, Steel, Jetal, for Speed Graphic . . . . .	2	.01
†30921-P6	Screw - Self tapping, 3/16 in. lg., #2 Oval Bind Hd, Steel, Jetal, for Speed Graphic . . . . .	2	.01
†30921-P6	Screw - Self tapping, 3/16 in. lg., #2 Oval Bind Hd, Steel, Jetal, for Crown Graphic . . . . .	4	.01

†Note: See Figure 8 for these parts.

DO NOT ORDER PARTS BY FIGURE INDEX NUMBER. SPECIFY CATALOG OR PART NUMBER AND NAME.  
State quantity. Prices subject to change without notice.  
NHA - Next Higher Assembly



PACEMAKER GRAPHIC "23"  
SPEED & CROWN

Section 4  
Group Assembly Parts List

Figure & Index No.	Part Number	1 2 3 4 5	Nomenclature	Units per Assembly	List Price
10-1	30930-P1	.	Back . . . . .	1	5.00
-2	30938-P3	.	Slidelock - Top . . . . .	1	1.00
-3	30938-P4	.	Slidelock - Bottom . . . . .	1	1.00
-4	30937-P2	.	Spring - Slidelock . . . . .	2	.40
			Attaching Part		
-5	30939-P1	.	Screw - Slidelock . . . . .	4	.12
			-----		
-6	30368-G1	.	Peepsight Assembly . . . . .	1	.50
			Attaching Part		
	†30366	.	Cap . . . . .	1	.16
	†30368	.	Washer - Flat . . . . .	1	.03
-7	104B6R4	.	Screw - Machine, 3/16 in lg., #6-32 OH Phillips drive, Brass, Chrome plate . . . . .	1	.04
			-----		
	†30367	.	Spring - Peepsight . . . . .	1	.07
	†30364	.	Plate - Peepsight spring . . . . .	1	.04
	Cat. #9142		Panel Complete - Graflex focusing, including hood . . . . .	Ref	
-8	30933-P1	.	Frame - Focusing . . . . .	1	3.75
-9	30414-P2	.	Screen - Focusing . . . . .	1	1.10
-10	30371-P1	.	Retainer - Hood assembly . . . . .	2	.07
			Attaching Part		
-11	100-2-3(S7)	.	Screw - Machine, 3/16 in. lg., #2-56 FH Steel, Jetal . . . . .	4	.01
			-----		
-12	Cat. #9145	.	Hood Assembly . . . . .	Ref	

†Note: See Figure 8 for these parts.

DO NOT ORDER PARTS BY FIGURE INDEX NUMBER. SPECIFY CATALOG OR PART NUMBER AND NAME.  
State quantity. Prices subject to change without notice.

Section 4  
Standard Hardware

PACEMAKER GRAPHIC "23"  
SPEED & CROWN

Part No.	Finish	Use	Fig. Ref.	Qty.	Description	Net per 25
<u>Standard Screws</u>						
100-2-3	S-7	Holds ground glass retainer to back frame	8-5 9-10 10-11	4 4 4	#2-56 FH 3/16"	.20
100B2-4	S-18	Holds yoke guide to bed	6-2	8	#2-56 FH 1/4"	.20
100B2-7	S-18	Spacer block screw	2-10	6	#2-56 FH 7/16"	.20
100B3-2	S-18	Holds bed brace plate	2-26	1	#3-48 FH 1/8"	.20
100B3-3	S-18	Holds bed brace plate	2-26	1	#3-48 FH 3/16"	.20
101-2-6		Holds viewfinder mounting plate to Camera	11-19	3	#2-64 FH 3/8"	.20
102B2-4	S-18	Holds bed latch into case	7-21	2	#2-56 RH 1/4"	.20
102-2-7		Holds shift slide in place	4-9	1	#2-56 RH 7/16"	.20
104B1-3	L-26	Holds shutter plate to camera	2-2	3	#1-64 OH 3/16"	.20
104-4-3	Chrome	Graflite mounting bracket	1-	1	#4-40 OH 3/16"	.20
104-4-5	Chrome	Graflite mounting bracket	1-	2	#4-40 OH 5/16"	.20
104B6-4	Chrome	Holds peepsight to camera back	8-23	1	#6-32 OH 1/4"	.40
104B6R4	Chrome	Holds peepsight assembly to back	9-15 10-7	1	#6-32 OH 1/4" Phillips	.60
104B6R8	Chrome	Handle bracket screw	7-16	2	#6-32 OH 1/2" Phillips	.80
107-2-2	Chrome	Holds manual trip arm to manual trip rod	1-14	1	#2-56 O Fil H 1/8"	.20
110-2-2	Chrome	Holds objective lens cap to viewfinder housing	11-13	2	#2-56 SS Bind H 1/8"	.20
110B2-4		Holds governor mechanism together	4-15A	2	#2-56 SS Bind H 1/4"	.40
110B3R3	S-18	Range finder mounting bracket	1-5	2	#3-48 SS Bind H 3/16"	.20
112-3R2	S-7	Holds bed brace plate	2-27	1	#3-48 O Bind H 1/8" Phillips	.20
112B3R3	S-18	Holds bed brace plates Secures bed latch	2-27 2-28 7-	1 1 1	#3-48 O Bind H 3/16" Phillips	.20
112B3R6	S-18	Holds bed brace plate	2-28	1	#3-48 O Bind H 3/8" Phillips	.20
150-1-3	P-21	Holds cable release spring to case	2-17	1	#1 FH 3/16"	.20
150B0-3	S-18	Holds long switch contact in place	7-	3	#0 FH 3/16"	.20
		Holds curtain guide to frame and contact assembly	1	6		
150B1-3	S-18	Holds shift slide spring to case	7-27	1	#1 FH 3/16"	.20

PACEMAKER GRAPHIC "23"  
SPEED & CROWN

Section 4  
Standard Hardware

Part No.	Finish	Use	Fig. Ref.	Qty.	Description	Net per 25
150B1-6	S-18	Holds body release plate assembly to case	7-29	6	#1 FH 3/8"	.20
		Holds back to case for Graphic and Graflok backs	8-3 9-3	1 1		
150B1-8		Holds shutter mechanism to camera	2-7	4	#1 FH 1/2"	.20
150B2-3	S-18	Holds top back mounting lug in place	7-	4	#2 FH 3/16"	.20
		Holds bed brace plates in place	2-30	4		
150B2-4	S-18	Holds bed brace plates in place	2-29	2	#2 FH 1/4"	.20
		Holds side Tripod socket to case	7-32B	3		
150B2-8	S-18	Holds spring finger contact to frame and contact assembly	2-13	4	#2 FH 1/2"	.20
150B2-12		Holds frame and contact assembly to body	2-	4	#2 FH 3/4"	.40
151-1-3	P-21	Holds end of body cable release	2-18	2	#1 RH 3/16"	.20
151B0-2		Holds long switch contact in place	7-	2	#0 RH 1/8"	.20
151B1-3		Holds long and short contacts to frame and contact assembly	2-	2	#1 RH 3/16"	.20
151B2-4	S-18	Holds bottom tripod socket to case	7-32E	3	#2 RH 1/4"	.20
152B1-8	L-26	Holds shutter place to camera	2-3	2	#1 OH 1/2"	.20
152B1R4	Chrome	Holds body release plate in place	7-2	2	#1 OH 1/4" Phillips	.40
152B2R4	Chrome	Holds rear curtain bearing in place	7-18	6	#2 OH 1/4" Phillips	.40
170A3-2	P-15	Yoke lock lever limiting screw	6-3	1	#3-48 slotted headless set 1/8"	.40
170D5-2	S-7	Case guide adjustment screw	2-	4	#5-40 slotted headless set 1/8"	.80
30921-P5	S-7	Top screws that hold back to camera case on Speed	9-1	2	#2 O Bind H 3/16"	.20
30921-P6	S-7	Holds back to case on Crown	8-1&2 9-1&2 10-	4 4 4	#2 O Bind H 3/16"	.20
		Top screws that hold back to camera case on Speed	8-2 9-2 10-	2 2 2		
30921-P7	S-7	Bottom screws that hold back to camera case on Speed	8-1 9-1 10-	2 2 2	#2 O Bind H 1/2"	.20

Special Screws

30187-P1		Holds escapement to shutter plate	4-2	2		1.20
30213-P1		Holds shutter mechanism to camera	2-5	1		.60

Section 4  
Standard Hardware

PACEMAKER GRAPHIC "23"  
SPEED & CROWN

Part No.	Finish	Use	Fig. Ref.	Qty.	Description	Net per 25
30401-P1		Slidelock screw	5-8	4		1.20
30543		Front standard tilt locking screw	5-25	2		4.80
30661		Infinity stop (rear)	1-16A	2	pointed	.40
30662		Infinity stop	1-16B	2	flat point	.40
30749-P1		Holds body release plate in place	7-3	2	special	1.20
30776		Range finder mounting	1-8	2		.80
30819		Index and focus scale	1-11	4		.20
30830	Chrome	Holds range finder bracket assembly to yoke case section	6-5	2		.80
30939-P1		Holds slide lock to camera back	8-16 8-19 10-5	2 2 4	special	2.40
31089-P4		Holds yoke guide to bed	6-2	8	special 1/4" #2-56 Bind H	.20
31134	S-18	Range finder mounting	1-4	2		.20
31238		Holds curtain pressure spring to back	9-16	2		.20
31270-P1		Holds focusing frame spring to camera back	9-7	2		.40
31944		Holds lens barrel to view finder housing	11-10	2		.20
33756	Chrome	Holds objective lens cap to housing for wide angle view finder	11-	2		.80
33805		Holds sleeve and lens barrel to view finder housing	11-11	2		.80
<u>Nuts</u>						
200-2H		Holds governor mechanism together	4-15B	2		.20
200-3S		Holds case foot in place	7-37	4		.40
30375-P1		Nut for handle bracket	7-15	2		1.00
30377-P1		Nut for slidelock screw	5-9	4		.60
30553-P1		Front standard lever assembly lock nut	5-26	1		1.00
30843		Cable release nut for manual trip rod	5-4A	2		1.60
<u>Washers</u>						
221-2		Washer for #102-2-7	4-10	1		.20
		Lock washer for Nut 200-2H that holds governor mechanism together	4-15C	2		
		Washer for part #102B2-4	7-	1		
30358		Receptacle washer	3-3	1		.20

PACEMAKER GRAPHIC "23"  
SPEED & CROWN

Section 4  
Standard Hardware

Part No.	Finish	Use	Fig. Ref.	Qty.	Description	Net per 25
30368		Peepsight washer	8-22 9-15 10-	1 1		.40
30473-P1		Washer for focusing frame spring screw	9-8	2		.20
30473-P6		Front frame clamp washer	5-3	2		.20
30473-P7		Washer for front standard locking screw	5-23	2		.20
30473-P8		Washer for part #102B2-4	7-	2		.20
30473-P10		Washer for front standard locking screw	5-24	2		.20
30473-P11		Yoke lock lever washer	6-5	AR		.20
30473-P13		Front standard lever assembly washer	5-30	1		.20
30473-P15		Curtain and rollers assembly	2-9	AR		.20
30473-P20		Washer for slidelock screw	5-11	4		.20
30473-P24		Curtain and rollers washer	2-10	AR		.20
30473-P25		Washer for body cable release end	2-	1		.20
30473-P35		Grafiite mounting bracket	1-	2		.20
30473-P36		Graflite mounting bracket	1-	3		.20
30473-P38		Graflok back, panel, arm washer	8-10 8-13	1 1		.20
30540-P2		Front standard lever assembly washer	5-31	1		.80
30540-P3		Washer for slidelock screw	5-12	4		.40

Finish Code

L-26	Black wrinkle
P-15	White nickel
P-21	Cadmium
S-7	Jetal
S-18	Ebonol

DO NOT ORDER PARTS BY FIGURE INDEX NUMBER. SPECIFY CATALOG OR PART NUMBER AND NAME.

State quantity. Prices subject to change without notice.

